

#2

OIE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/910,518

DATE: 11/27/2001

TIME: 12:44:53

Input Set : N:\Crf3\RULE60\09910518.txt

Output Set: N:\CRF3\11272001\I910518.raw

4 <110> APPLICANT: Hammond, Philip W.
 5 Lipovsek, Dasa
 7 <120> TITLE OF INVENTION: METHODS FOR PRODUCING NUCLEIC ACIDS
 8 LACKING 3'-UNTRANSLATED REGIONS AND OPTIMIZING CELLULAR
 9 RNA-PROTEIN FUSION FORMATION
 11 <130> FILE REFERENCE: 50036/016002
 13 <140> CURRENT APPLICATION NUMBER: 09/910,518
 14 <141> CURRENT FILING DATE: 2001-07-20
 16 <150> PRIOR APPLICATION NUMBER: 09/374,962
 17 <151> PRIOR FILING DATE: 1999-08-16
 20 <150> PRIOR APPLICATION NUMBER: 60/096,818
 21 <151> PRIOR FILING DATE: 1998-08-17
 23 <160> NUMBER OF SEQ ID NOS: 20
 25 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 27
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: Synthetic random primer
 35 <221> NAME/KEY: variation
 36 <222> LOCATION: (1)...(27)
 37 <223> OTHER INFORMATION: n is a, c, t, or g.
 39 <400> SEQUENCE: 1

ENTERED

W--> 40 gcttgctgga gtgcgagtnn nnnncta

27

42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 27
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Synthetic random primer
 50 <221> NAME/KEY: variation
 51 <222> LOCATION: (1)...(27)
 52 <223> OTHER INFORMATION: n is a, c, t, or g.
 54 <400> SEQUENCE: 2

W--> 55 gcttgctgga gtgcgagtnn nnnntta

27

57 <210> SEQ ID NO: 3
 58 <211> LENGTH: 27
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial Sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Synthetic random primer
 65 <221> NAME/KEY: variation
 66 <222> LOCATION: (1)...(27)
 67 <223> OTHER INFORMATION: n is a, c, t, or g.
 69 <400> SEQUENCE: 3

W--> 70 gcttgctgga gtgcgagtnn nnnntca

27

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72 <210> SEQ ID NO: 4
73 <211> LENGTH: 28
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Synthetic random primer
80 <221> NAME/KEY: variation
81 <222> LOCATION: (1)...(28)
82 <223> OTHER INFORMATION: n is a, c, t, or g.
84 <221> NAME/KEY: variation
85 <222> LOCATION: (1)...(28)
86 <223> OTHER INFORMATION: h is a or c or t/u;
88 <400> SEQUENCE: 4
W--> 89  taatacgact cactataggg gggggghn                28
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 44
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
96 <220> FEATURE:
97 <221> NAME/KEY: variation
98 <222> LOCATION: (1)...(44)
99 <223> OTHER INFORMATION: n is a, c, t, or g.
101 <400> SEQUENCE: 5
W--> 102  gccttatcgt catcgctcctt gtagtcgaaa ctagannnnn nnnn        44
104 <210> SEQ ID NO: 6
105 <211> LENGTH: 36
106 <212> TYPE: DNA
107 <213> ORGANISM: Homo sapiens
109 <220> FEATURE:
110 <221> NAME/KEY: variation
111 <222> LOCATION: (1)...(36)
112 <223> OTHER INFORMATION: n is a, c, t, or g.
114 <400> SEQUENCE: 6
W--> 115  ggacaattac tatttacaat tacaatgnnn nnnnnn                36
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 39
119 <212> TYPE: DNA
120 <213> ORGANISM: Phage T7
122 <400> SEQUENCE: 7
123  taatacgact cactataggg acaattacta ttacaatt                39
125 <210> SEQ ID NO: 8
126 <211> LENGTH: 33
127 <212> TYPE: DNA
128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 8
131  agaagatgcg cgatcgatcat cgtccttgta gtc                    33
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 36
135 <212> TYPE: DNA

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136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 9
139 gtgtatgggt tgtttatgac aatttatgaa atgacg 36
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142 <211> LENGTH: 36
143 <212> TYPE: DNA
144 <213> ORGANISM: Homo sapiens
146 <400> SEQUENCE: 10
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149 <210> SEQ ID NO: 11
150 <211> LENGTH: 36
151 <212> TYPE: DNA
152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 11
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157 <210> SEQ ID NO: 12
158 <211> LENGTH: 36
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 12
163 aaagttgttc aagtttatcc agagtttgag caggaa 36
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 36
167 <212> TYPE: DNA
168 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 13
171 ggtaacacac agaggaaaga tattgtcctg gatgta 36
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 36
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
178 <400> SEQUENCE: 14
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181 <210> SEQ ID NO: 15
182 <211> LENGTH: 36
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 15
187 ttggttttgg atgaagctag gtacctgcct ccagcc 36
189 <210> SEQ ID NO: 16
190 <211> LENGTH: 36
191 <212> TYPE: DNA
192 <213> ORGANISM: Homo sapiens
194 <400> SEQUENCE: 16
195 ttggttttgg atgaagctag gtacctgcct ccagcc 36
197 <210> SEQ ID NO: 17
198 <211> LENGTH: 36
199 <212> TYPE: DNA
200 <213> ORGANISM: Homo sapiens

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202	<400> SEQUENCE: 17	
203	ggtggagaga cctacaccga tcctgattta cacacc	36
205	<210> SEQ ID NO: 18	
206	<211> LENGTH: 35	
207	<212> TYPE: DNA	
208	<213> ORGANISM: Homo sapiens	
210	<400> SEQUENCE: 18	
211	ggtggagaga cctacaccga tcctgatcta catca	35
213	<210> SEQ ID NO: 19	
214	<211> LENGTH: 36	
215	<212> TYPE: DNA	
216	<213> ORGANISM: Homo sapiens	
218	<400> SEQUENCE: 19	
219	ggtctctatt ttacccccac aggcttccac ggacat	36
221	<210> SEQ ID NO: 20	
222	<211> LENGTH: 36	
223	<212> TYPE: DNA	
224	<213> ORGANISM: Homo sapiens	
226	<400> SEQUENCE: 20	
227	ggtctctatt ttaccctcac aggcttccac ggactt	36

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\09910518.txt

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L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6